

Title (en)
SWITCH FOR REVERSIBLE INTERFACE

Title (de)
SCHALTER FÜR UMKEHRBARE SCHNITTSTELLE

Title (fr)
COMMUTATEUR POUR INTERFACE RÉVERSIBLE

Publication
EP 3264279 A1 20180103 (EN)

Application
EP 16305781 A 20160628

Priority
EP 16305781 A 20160628

Abstract (en)
An arrangement and method for accommodating a reversible connector in a device that does not require the use of a controller or firmware comprises detection circuitry for detection of an orientation of an external connector connected to the reversible connector. Two switches allow to connect electrical wiring of the device to either one of a set of pins of the reversible connector according to the detected orientation. The switches operate independently and each comprise separate detection circuitry.

IPC 8 full level
G06F 13/40 (2006.01)

CPC (source: EP KR US)
G06F 13/4068 (2013.01 - EP KR US); **G06F 2213/0042** (2013.01 - KR US)

Citation (search report)

- [X] WO 2015079215 A1 20150604 - DISPLAYLINK UK LTD [GB], et al
- [X] EP 2590274 A2 20130508 - APPLE INC [US]
- [A] WO 2015191790 A2 20151217 - MICROSOFT TECHNOLOGY LICENSING LLC [US]

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 3264279 A1 20180103; CN 109478174 A 20190315; CN 109478174 B 20230606; EP 3475835 A1 20190501; JP 2019519860 A 20190711; JP 7076382 B2 20220527; KR 102398358 B1 20220516; KR 20190020689 A 20190304; US 10614020 B2 20200407; US 2019227973 A1 20190725; WO 2018001713 A1 20180104

DOCDB simple family (application)
EP 16305781 A 20160628; CN 201780040355 A 20170613; EP 17729137 A 20170613; EP 2017064342 W 20170613; JP 2018567711 A 20170613; KR 20187037505 A 20170613; US 201716314159 A 20170613